

6.17 Saving water

Topic: Conservation
Subtopic: Water conservation
Activity type/skill: Three-level guide
Literacy focus: Reading
Genre: Information reports

Objective

- Locate, interpret and use information.

What you need

- Student worksheet (see next page)

What to do

1. Look at the first page of the student worksheet and have students use the headings and layout to predict the content of the texts in this activity.
2. Look at the second page of the student worksheet. Explain that they will need to answer these questions after they have read the text about using and saving water. Explain that this group of questions is called a three-level guide:
 - The first set of questions is all answered literally in the text – ‘on the lines’.
 - The second set of questions requires them to think about the information in the text – ‘between the lines’ – and work out the answers.
 - The third question asks them to relate what they have read to a wider context – ‘beyond the lines’.
3. Have students read the text independently then circle an answer for each question.
4. Working in pairs or small groups, have students talk about their answers and say why they chose them. They should then compare their answers and reasons with the wider group.

Answers:

- | | | |
|---|--|-------|
| 1 | 1. Each minute in the shower uses 15 litres of water. | True |
| | 2. A dripping tap wastes water. | True |
| | 3. Most fresh water is used in factories and schools. | False |
| | 4. We can save water by using high pressure taps. | False |
| | 5. New Zealanders use more than 100 litres of water each a day. | True |
| 2 | 1. An average bath uses more water than a load of washing. | False |
| | 2. Watering your garden when it is sunny saves water. | False |
| | 3. If you have a five minute shower, you use 75 litres of water. | True |
| | 4. You should use a bucket of water to wash the car instead of a hose. | True |
| | 5. Using a water bottle instead of a drinking fountain saves water. | True |
| 3 | New Zealand has plenty of water so we don't need to save it.
(Check that students have a viewpoint and can defend it, whether they agree or disagree with the statement.) | |

Activity seventeen

Where do we use most water?

The biggest demand for fresh water is in our homes. About half of the water from our city water supplies is used by people at home. We use water for cooking, washing, drinking, watering the garden and flushing our toilets. On average, each person in New Zealand uses about 140 litres of water a day.



How do we use all this water at home?

Activity	Average amount used
Washing machine	150 litres per load
Dishwasher	30 litres per load
Toilet (full flush)	11 litres per flush
Toilet (half flush)	5 litres per flush
Bath	100 litres per bath
Shower	15 litres per minute
Running taps	10 litres per minute
Dripping tap	12 litres per day
Garden hose	15 litres per minute
Bucket of water	6 – 8 litres per bucket

How much water did you use yesterday? _____

How can we save water?

We can:

- take showers instead of baths
- water the garden in the evening when there is not so much loss through evaporation
- fix leaking taps
- turn off the tap while we are brushing our teeth.
- turn off all taps tightly
- only use the dishwasher when it has a full load
- reduce the pressure in taps
- collect rain water to use for washing and watering the garden.



Three level guide

Level 1

1. Each minute in the shower uses 15 litres of water.
2. A dripping tap wastes water.
3. Most fresh water is used in factories and schools.
4. We can save water by using high pressure taps.
5. New Zealanders use more than 100 litres of water each a day.

True **False**

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Level 2

1. An average bath uses more water than a load of washing.
2. Watering your garden when it is sunny saves water.
3. If you have a five minute shower you use 75 litres of water.
4. You should use a bucket of water to wash the car instead of a hose.
5. Using a waterbottle instead of a drinking fountain saves water.

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Level 3

- New Zealand has plenty of water so we don't need to save it.

<input type="radio"/>	<input type="radio"/>
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